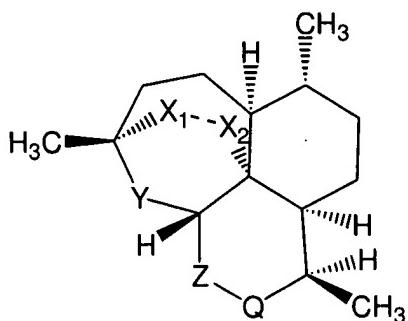


Amendments to the Claims

1. (Currently amended) A method of treating Hepatitis C infections caused by *Flaviviridae* sp., comprising the step of administering an effective amount of a sesquiterpene having the formula:



wherein:

X<sub>1</sub> and X<sub>2</sub> are selected from the group consisting of O, S, Se and N;  
Y is selected from the group consisting of O, S, Se, and N;  
Z is selected from the group consisting of O, NH, S, and Se, and  
Q is selected from the group consisting of CO, CHO, CHOCH<sub>3</sub>, CHOC<sub>2</sub>H<sub>5</sub>, CHOC<sub>3</sub>H<sub>7</sub>,  
and CHOCOCCH<sub>2</sub>CH<sub>2</sub>COOH,

and the pharmaceutically acceptable salts thereof.

2. (Original) A method as defined in claim 1, wherein the sesquiterpene is selected from the group consisting of artemisinin and analogs of artemisinin.
3. (Withdrawn) A method as defined in either claim 1 or claim 2, wherein the infection is hepatitis C.
4. (Withdrawn) A method as defined in either claim 1 or claim 2, wherein the infection is bovine viral diarrhea or classical swine fever.

5. (Currently amended) A method of treating Hepatitis C infections caused by *Flaviviridae* sp., comprising the step of administering an effective amount of an endoperoxide of Claim 1 in combination with interferon or peg-interferon.
6. (Original) A method as defined in claim 5, wherein the endoperoxide is selected from the group consisting of artemisinin and analogs of artemisinin.
7. (Withdrawn) A method as defined in claim 5, wherein the infection is hepatitis C.
8. (Canceled)
9. (Canceled)
10. (Withdrawn) A method as defined in claim 5, where in the peroxy linkage (-O-O-) of the endoperoxide is substituted with a moiety selected from the group comprising -S-S-, -Se-Se-, -N-O-, and -N-N- linkages, and all combinations thereof.
11. (Canceled)